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## MILWAUKEE COUNTY EMS PRACTICAL SKILL SYNCHRONIZED CARDIOVERSION

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Purpose:		Indications:	
To deliver an electrical charge to the myocardium, synchronized to the depolarization of the ventricle		Patient presents in: ventricular tachycardia with pulses or unstable supraventricular tachycardia that has not responded to antiarrhythmics	
Advantages:	Disadvantages:	Complications:	Contraindications:
Provides rapid conversion of dysrhythmia	Painful if administered without sedation	May result in ventricular fibrillation	Patients taking digitalis preparations

Place electrodes in 4-lead configuration:
White electrode on right shoulder, black on left shoulder, green on lower right abdomen or right leg, red on left lower abdomen or left leg

Monitor and record patient's rhythm

if possible, administer sedative

Attach patient therapy cable, connecting defibrillator to pads

Place defibrillation pads on right upper chest under clavicle and left chest over 5th intercostal space between midclavicular and anterior axillary line

Turn energy selection dial to appropriate setting

Press "Sync" soft key

Check oscilloscope for sensing mark for each QRS, adjusting gain as needed

Clear all personnel of patient contact

Press "shock" soft key

Monitor patient's rhythm and vital signs